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CENTRAL INTELLIGENCE AGENCY

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SOURCE

1. In December 1950 or January 1951 the SAG Siemens Plania Plant in Berlin-Lichtenberg made a contract with the Mensen Plant in Neustadt am Ruesbenberge/Hannover (L 53/X 13) for the delivery of special coal tar for the production of electrodes. * The first shipment of about 250 tons was scheduled to leave soon thereafter. The Soviet Zone of Germany depends on coal tar imports because the quality of the coal tar produced in the Soviet Zone is not always adequate for standard requirements.
2. The capacity for producing electrodes at the Siemens Plania Plant was doubled from 1949 to 1950. In addition to the Siemens Plania Plant, electrodes are also produced in the SAG Plant in Piesteritz (N 52/E 37). ** The electrodes produced in the Soviet Zone are mainly exported to the East. They are also needed in the aluminum industry.

The Siemens Plania Plant is an enterprise of the SAG Isolator. It comprises five main factories, the electrode factory, the silicon (Silit) factory, the arc lamp carbon factory, the carbon brush factory and the factory for furnace construction. The production of the plant is subdivided into the production groups "Grosskohlen", "Kleinkohlen" and "Silit".

The "Grosskohlen" production group comprises the following production: carbide electrodes for the production of calcium carbide, and calcium cyanamide; carbon electrodes for reduction furnaces for manufacturing ferro-silicon, ferro-chromium, ferro-molybdenum, ferro-vanadium, corundum, and for electric steel furnaces of old design; aluminum anodes for the production of pure aluminum; carbon stones made of shaped coal (geformte Kohle) for blast furnace linings and furnace bottoms; electrode masses for Soederberg electrodes; graphite electrodes for the electric steel production in arc lamp furnaces; graphite plates and rods for the liquid (waesserige) electrolysis, especially for the chlorine alkali electrolysis; graphite for special purposes, especially for hard metal production such as tungsten carbide for cutting tools and armor-piercing shells.

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The "Kleinkohlen" production group comprises the following production: carbon for arc lamps and blueprinting lamps; carbon for movies and searchlights; carbon for therapeutic radiation lamps; carbon cells for flashlights and anode batteries; carbon heating rods (Heizstäbe) for calcium cyanamide; carbon brushes for dynamos; graphite; carbon (Buegelkohle) for slide coil contacts; microphone carbon and microphone diaphragms; automobile clutch rings; turbine gaskets etc. The "Silit" production group comprises the production of exponential and non-exponential resistances; series resistances and overload safety-resistances; and heating rods (Heizstäbe) up to 1,500 degrees C roasting temperature (Gluehtemperatur) to be used as heating elements in industrial furnaces.

The Kjellberg Electrode and Machine Construction Company, Ltd., in Finsterwalde (N 52/A 15) also produces arc lamp welding installations and welding electrodes.

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